

2007

Report of the Council for Research on the Establishment of the URI Transportation Center.

University of Rhode Island Faculty Senate

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Faculty Senate


Serial Number #06-07--37

TO: President Robert L. Carothers

FROM: Michael A. Rice, Chairperson of the Faculty Senate

1. The attached BILL, titled Report of the Council for Research on the Establishment of the URI Transportation Center is forwarded for your consideration.
2. This BILL was adopted by vote of the Faculty Senate on May 10, 2007.
3. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, completing the appropriate endorsement below.
4. In accordance with Section 10, paragraph 4 of the Senate's By-Laws, this bill will become effective May 31, 2007 three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

May 14, 2007
(date)



Michael A. Rice
Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

- a. Approved ____.
- b. Approved subject to final approval by Board of Governors ☒. APPROVED 5/21/07
- c. Disapproved ____.

5/23/07
(date)



President

**UNIVERSITY OF RHODE ISLAND
FACULTY SENATE**

COUNCIL FOR RESEARCH

REPORT ON THE URI TRANSPORTATION CENTER

On April 2, 2007, the Council for Research reviewed a proposal submitted by Professor Deborah Rosen to change the status of the University of Rhode Island Transportation Center from temporary status to continuing status.

The Council for Research voted to approve continuing status for the URI Transportation Center.

In accordance with University Manual legislation governing Centers, Institutes, Bureaus and Partnerships, Section 8.90.22, Continuing Authorization for Centers, the Council for Research recommends that the Faculty Senate approve continuing status for the URI Transportation Center.

Following is the proposal in the format required by the Board of Governors for Higher Education.

UNIVERSITY OF RHODE ISLAND TRANSPORTATION CENTER

TITLE: University of Rhode Island Transportation Center

A. GENERAL INFORMATION

1. Name of Institution: University of Rhode Island

2. Administrative Unit: University of Rhode Island

3. Title of Proposed Organizational Unit: University of Rhode Island Transportation Center

4. Intended Date of Organizational Change: ASAP

5. Intended Location of Organizational Unit: Carlotti Hall, University of Rhode Island, Kingston, RI

6. Institutional Review and Approval Process:

DATE APPROVED

The URI Transportation Center is not affiliated with a University Department or College.

Council for Research

April 2, 2007

Faculty Senate

President of the University

7. Summary of the Proposed Organizational Change

The URI Transportation Center previously had temporary approval as a University center as late as 2003. No action was taken on the request for permanent status. The proposed organizational change would establish the Transportation Center as a permanent University center.

8. Signature of the President:

Robert L. Carothers, President

9. Name of Person(s) to contact during the review:

Name *Deborah Rosen, Ph.D.*

Title *Executive Director, URI Transportation Center*

Telephone *874-9091*

E-Mail *drosen@uri.edu*

B. RATIONALE

The URI Transportation Center was established in 1999 under a grant from the US Department of Transportation. The Federal grant is to fund a University Transportation Center. Specifically, "each grantee is called a University Transportation Center...To advance U.S. technology and expertise in the many disciplines comprising transportation through...education, research and technology transfer." (Instructions for preparing A University Transportation

Center (UTC) Strategic Plan, U.S. Department of Transportation.) The University approved the URI Transportation Center on a temporary basis. This is to request approval for a permanent URI Transportation Center.

C. INSTITUTIONAL ROLE

Under the terms of the Federal grant to the University, the URI Transportation Center is charged with enhancing the capacity of the University to undertake transportation research, to expand programs to develop the next generation of transportation professionals, and to improve the understanding and practice of transportation through outreach and technology transfer programs.

Transportation is inherently multi-disciplinary, and thus the Transportation Center provides a vehicle for encouraging the interplay of ideas and efforts across departmental and college lines. It represents a major component in a region's economic development. The Transportation Center is also a vehicle for developing and maintaining the workforce needed for regional growth and development. The Transportation Center research grants also require that at least some, significant amount of match come from outside of the University. This leads to closer collaboration among faculty and the private and public sector generating a better understanding of the needs and capabilities of those outside of the University. Finally, several of the Center's research projects have led to or may lead to patents, with the objective of commercialization.

In each of the first six years, the URI Transportation Center (co-) sponsored research of approximately \$2 million (the required one to one match included). All research awards require URI faculty involvement as well as (co) PI and student participation. Faculty research applications and subsequent awards have reflected collaboration between many Colleges including the Colleges of Arts and Sciences, Business Administration, Engineering, Environment and Life Sciences, Graduate School of Oceanography, and Human Science and Services. On average, thirty faculty members have received research funding each year, and approximately fifty students each year participate and receive funding. Funding has been reduced with the new UTC award, but support for future research will adhere to a multi-disciplinary approach while funding projects that involve both students and faculty.

Curriculum changes must occur through the academic departments; however the URI Transportation Center does fund the start-up costs of developing new courses by way of a call for proposals for demonstration and education projects. Recently, support was given from the Transportation Center to a Landscape Architecture course which will explore design in relation to light rail. Transportation related programs were developed in the last academic year by the College of Business Administration on the graduate and undergraduate level. A Master Public Administration with a Transportation concentration was also

initiated. The URI Transportation Center was also instrumental in establishing new funding for four transportation positions on campus.

The outreach and technology transfer efforts of the URI Transportation Center extend to current practitioners. The Transportation Center sponsors seminars on current research and short courses relative to the Transportation industry. The URI Transportation Center has established a training partnership with the National Highway Institute to provide technical courses to the New England region. This partnership was the first of its kind and is being used as a model for eventual use in other regions. The Transportation Center also assumed responsibility for the Federal Highway Administration Local Technical Assistant Program.

At the K-12 level, the Transportation Center offers summer camps and supports after school science and math programs to foster an appreciation of transportation and the development of those math and science skills needed in many areas of transportation. Most of these efforts target Native American and minority populations, which are underrepresented in many transportation fields. This year, for example, the Transportation Center is supporting a project with the Feinstein School in Providence. This project is the result of a collaborative effort of faculty from the College of Business and the College of Arts and Sciences. The class introduces the students to transportation issues

D. INTERINSTITUTIONAL CONSIDERATIONS

No other institution of higher education in Rhode Island has programs in transportation. Thus there is no duplication of efforts.

On the other hand, the URI Transportation Center programs are open to faculty at other Colleges and Universities; thus providing a way for all interested parties to become involved without the need to establish other centers.

E. RESOURCES

Please see APPENDIX at http://www.uri.edu/facsen/APPENDIX_URITC.htm

F. EVALUATION

The URI Transportation Center provides a mid-year and annual report of the Center's activities. The US Department of Transportation, the URI Transportation Center Executive Board, and the Center's stakeholders use these to assess the performance of the Center. In addition, the US Department of Transportation has periodic site visits, the last in February 2002, and in 2003 funded an independent assessment of the total program by an outside contractor. Both assessments were very positive.

Internal evaluations are provided by the URI Transportation Center Executive Board, which includes the University's senior administrative officers, four College deans, and representatives of major Rhode Island departments having an interest in transportation.

Further information on the University of Rhode Island Transportation Center is available at: <http://www.uritc.uri.edu/>.




PRESIDENT'S OFFICE
Green Hall, 35 Campus Avenue, Kingston, Rhode Island 02881-1303
Phone: 401-874-2444 • Fax: 401-874-7149

Bill # 06-07-37

MEMORANDUM

TO: Jack R. Warner, Commissioner
Office of Higher Education

FROM: Robert L. Carothers, President 

DATE: June 12, 2007

SUBJECT: Proposal for the URI Transportation Center

Attached is a proposal for the URI Transportation Center. In accordance with University Manual legislation governing Center, Institutes, Bureaus and Partnerships, Section 8.90.22, Continuing Authorization for Centers, the Council for Research recommended approval for continuing status for the URI Transportation Center on April 2, 007. On May 10, 2007, the Center received the last of the required approvals to seek permanent status.

The URI Transportation Center was established in 1999 under a grant from the US Department of Transportation. The federal grant is to fund a University Transportation Center. Specifically, "each grantee is called a University Transportation Center...To advance U.S. Technology and expertise in the many disciplines comprising transportation through...education, research and technology transfer." (Instructions for preparing A University Transportation Center (UTC) Strategic Plan, U.S. Department of Transportation.) The University approved the URI Transportation Center on a temporary basis. This is to request approval for a permanent URI Transportation Center.

I look forward to a positive review and positive action on this proposal. Lynn Pasquerella, Provost for Academic Affairs, will continue to serve as the University's contact. Please feel free to contact her directly if you have any questions.

bml

attachment

c: M. B. Swan
L. C. Pasquerella
S. B. Grubman
D. E. Rosen
N. Carriuolo



**University of Rhode Island
Kingston, Rhode Island**

**A Proposal to change the status of the URI Transportation Center
June 12, 2007**

A. GENERAL INFORMATION

1. Name of Institution

University of Rhode Island

2. Administrative Unit

University of Rhode Island

3. Title of Proposed Organizational Unit

University of Rhode Island Transportation Center

4. Intended Date of Organizational Change

Upon approval

5. Intended Location of Organizational Unit

Carlotti Administration Building, University of Rhode Island, Kingston, RI

6. Institutional Review and Approval Process

Department

College

Council for Research

Faculty Senate

President of the University

Approval Date

N/A

N/A

April 2, 2007

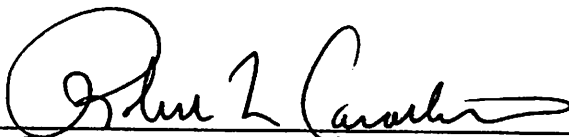
May 10, 2007

May 28, 2007

7. Summary of the Proposed Organizational Change

The URI Transportation Center previously has temporary approval as a University center as late as 2003. No action was previously taken on the request for permanent status. The current proposed organizational change would establish the Transportation Center as a permanent University center.

8. Signature of the President:



Robert L. Carothers, President

9. Name of Person(s) to contact during the review

Lynn Pasquerella
Vice Provost for Academic Affairs
University of Rhode Island
Kingston, Rhode Island 02881
874-4405
paski@uri.edu

Deborah Rosen, Ph.D.
Executive Director, URI Transportation Center
University of Rhode Island
Kingston, Rhode Island 02881
874-9091
drosen@uri.edu

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Sciences, Graduate School of Oceanography, and Human Science and Services. On average, thirty faculty members have received research funding each year, and approximately fifty students each year participate and receive funding. Funding has been reduced with the new UTC award, but support for future research will adhere to a multi-disciplinary approach while funding projects that involve both students and faculty.

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I. RESOURCES

Please see attached document.

L. EVALUATION

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Internal evaluations are provided by the URI Transportation Center Executive Board, which includes the University's senior administrative officers, two College deans, and representatives of the major Rhode Island departments having an interest in transportation.

Further information on the University of Rhode Island Transportation Center is available at: <http://www.uritc.uri.edu/>.

ACADEMIC PROGRAM CHANGES
University of Rhode Island Center Transportation Center
Estimated Budget for years 2007-2010

EXPENDITURE ESTIMATES

	Year 1 2007 (Year 8)		Year 2 2008		Year 3 2009		Year 4 2010		Year 5 2011	
	Additional resources required for center	Expenditures from current resources	Additional resources required for center	Expenditures from current resources	Additional resources required for center	Expenditures from current resources	Additional resources required for center	Expenditures from current resources	Additional resources required for center	Expenditures from current resources
Personnel Services										
Administrators		108,336		119,170		131,087		144,195		158,615
Faculty				0		0		0		0
Support Staff		188,887	0	207,776		228,553		251,409		276,549
Others Consultant Costs		291,500		320,650		352,715		387,987		426,785
Fringe Benefits Avg 52%		114,849		126,334		138,968		152,864		168,151
Tuition Remission		8,650		9,515		10,467		11,513		12,664
Total Personnel	0	712,222	0	783,445	0	861,789	0	947,968	0	1,042,765
Operating Expenses										
Instructional Resources										
Other (specify)		575,598		55,658	0	61,224	0	67,346	0	74,081
Travel		29,460		32,406		35,647		39,211		43,132
Total Operating Expenses	0	605,058	0	88,064	0	96,870	0	106,557	0	117,213
Capital										
Facilities										
Equipment										
Other										
Total Capital		0		0		0		0		0
Total Expenditures	0	1,317,280	0	871,508	0	958,659	0	1,054,525	0	1,159,978

REVENUE ESTIMATES										
	Add'l Rev Anticipated due to New Center	Current Revenue Generated by Center	Add'l Rev Anticipated due to New Center	Current Revenue Generated by Center	Add'l Rev Anticipated due to New Center	Current Revenue Generated by Center	Add'l Rev Anticipated due to New Center	Current Revenue Generated by Center	Add'l Rev Anticipated due to New Center	Current Revenue Generated by Center
Tuition/Fees	0	0	0	0	0	0	0	0	0	0
Grants		1,455,413		844,610		929,071	0	1,021,978	0	1,124,176
Contracts						0		0		0
Other Revenues		60000		61000		67,100		73,810		81,191
Program Income-NHI and ASTL classes		61,000		67,100		73,810		81,191		89,310
Total Revenues	0	1,576,413	0	972,710	0	1,069,981	0	1,176,979	0	1,294,677
BUDGET SUMMARY										
	Excess(Def) of rev over expend for new center	Excess(Def) of rev over expend for current center	Excess(Def) of rev over expend for new center	Excess(Def) of rev over expend for current center	Excess(Def) of rev over expend for new center	Excess(Def) of rev over expend for current center	Excess(Def) of rev over expend for new center	Excess(Def) of rev over expend for current center	Excess(Def) of rev over expend for new center	Excess(Def) of rev over expend for current center
TOTAL REVENUES	0	1,576,413	0	972,710	0	1,069,981	0	1,176,979	0	1,294,677
TOTAL EXPENDITURES	0	1,317,280	0	871,508	0	958,659	0	1,054,525	0	1,159,978
EXCESS/DEFICIENCY	0	259,133	0	101,202	0	111,322	0	122,454	0	134,699

Note: All of the above figures are estimates based on projections made by the institution submitting the proposal.

ACADEMIC PROGRAM CHANGES
University of Rhode Island Transportation Center
Estimated Budget for years 2003-2006

REVENUE ESTIMATES

	Year 1	Year 2	Year 3	Year 4
Tuition				
First Year Students				
In-State (#students ____, rate __)				
Out-of-State (#students ____, rate __)				
Second Year Students				
n-State (#students ____, rate __)				
Out-of-State (#students ____, rate __)				
Third Year Students				
In-State (#students ____, rate __)				
Out-of-State (#students ____, rate __)				
Fourth Year Students				
In-State (#students ____, rate __)				
Out-of-State (#students ____, rate __)				
TOTAL TUITION	0	0	0	0
Mandatory Fees (#students ____, rate __)	0	0	0	0
Grants				
Contracts				
Other Revenues				
TOTAL REVENUES		0	0	0

ACADEMIC PROGRAM CHANGES
University of Rhode Island Transportation Center
Estimated Budget for years 2003-2006

BUDGET SUMMARY

	Year 1	Year 2	Year 3	Year 4
TOTAL REVENUES		0	0	0
TOTAL EXPENDITURES	0	0	0	0
EXCESS/DEFICIENCY		0	0	0
Revenues over Expenditures				

Notes to Budget Estimates: The primary funding source is the US Department of transportation University Transportation Centers Program, which provides \$2 million (nominal) per year. Other funding sources outside of the University are from State and local agencies and the private sector who partner on the research program of the Transportation Center.

Second year increase results from expansion of the program to include a grant to provide the Federal Local Technical Assistance Program (LTAP) to Rhode Island communities and an educational partnership among the URITC, the RI Department of Transportation, and Times2 Academy to develop a high school based transportation program.

Budget estimates are based on actuals from 2002

The fringe benefit average was calculated from past actual rates. However, for years 2-4 the fringe level is increased to reflect the fact that faculty expenditures which carry a lower than average percent fringe factor are estimated to become a smaller share of the total salaries expenditure.